

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
d Bd & Surf Rx	0	1570		Rustler	1568	
Anhy & Salt	1570	3000		Yates	3045	
Dolo & Sd	3000	5400		7 Rivers	3480	
Sand	5400	6700		Queen	4226	
Lm & Dolo	6700	8200		Grayburg	4782	
Sd & Dolo	8200	8600		Delaware Sd	5840	
	8600	8900		Bone Spring	6734	
Sd & Dolo	8900	9587				
TD	9587					

HOBBS OFFICE
OCD

APR 21 1981

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.

NM-53380

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Caviness 10 Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Mescalero Escrape

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10, T-18S, R-33E

12. COUNTY OR PARISH

Lea

13. STATE

NM

19. ELEV. CASINGHEAD

3992.4

23. INTERVALS DRILLED BY

A11

CABLE TOOLS

-

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR
Harvey E. Yates Company

3. ADDRESS OF OPERATOR
P.O. Box 1933, Roswell, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 330' FEL & 1650' FSL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

30-025-29849

DATE ISSUED

Jan 28, 1987

15. DATE SPUDDED

3/4/87

16. DATE T.D. REACHED

3/26/87

17. DATE COMPL. (Ready to prod.)

4/6/87

18. ELEVATIONS (DF, RNB, RT, GR, ETC.)*

3992.4

20. TOTAL DEPTH, MD & TVD

9587'

21. PLUG BACK T.D., MD & TVD

9515'

22. IF MULTIPLE COMPL., HOW MANY*

→

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8610-8698 Bone Springs

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/Micro & DN/GR & CBL

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	415	17 1/2	450 sks	Circ
8 5/8	24 & 32	3150	11	1350 sks	Circ
5 1/2	17	9587	7 7/8	1950 sks	TOC 1800'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8480	8484

31. PERFORATION RECORD (Interval, size and number)

8610-8698 2 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8610-8698	6250 gal 20% SRA & Ball Sealers

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/12/87		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/12/87	24	16/64	→	235	288	55	1225	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	→	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
500	0	→	235	288	55			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

APR 20 1987

APR 19 1987

TEST WITNESSED BY

John Bilberry

35. LIST OF ATTACHMENTS

Deviation Survey & Electric Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED AM Young NM Young

TITLE Drilling Superintendent

DATE 4/15/87

*(See Instructions and Spaces for Additional Data on Reverse Side)

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records